

**MBNMS Research Activity Panel
Meeting Summary
March 9, 2012**

Host: Curt Storlazzi – Marine and Coastal Geology (U.S. Geological Survey)

Location: USGS Coastal and Marine Geology
Pacific Coastal & Marine Science Center
400 Natural Bridges Drive
Santa Cruz, CA 95060

Date: Friday, March 9th, 2012; 9:00 am to 12:00 pm

MEMBERS:

	Discipline	Primary/ Alternate	Name	Institution
X	Research Coordinator		DeVogelaere, Andrew	Monterey Bay National Marine Sanctuary
	Biological Oceanography	primary	Kudela, Raphael	University of California, Santa Cruz
	Biological Oceanography	alternate	Chavez, Francisco	Monterey Bay Aquarium Research Institute
X	Deep-Sea Ecology	primary	Cailliet, Greg	Moss Landing Marine Laboratories
X	Deep-Sea Ecology	alternate	Haddock, Steve	Monterey Bay Aquarium Research Institute
X	Estuarine Ecology	primary	Wasson, Kerstin	Elkhorn Slough NERR and Foundation
	Estuarine Ecology	alternate		
X	Fisheries	primary	Grimes, Churchill	NOAA Fisheries Service
	Fisheries	alternate		
X	Marine & Coastal Geology	primary	Storlazzi, Curt	United States Geological Survey
	Marine & Coastal Geology	alternate	Paull, Charles	Monterey Bay Aquarium Research Institute
X	Marine Conservation Biology	primary	Harrold, Chris*	Monterey Bay Aquarium
	Marine Conservation Biology	alternate	Micheli, Fiorenza	Hopkins Marine Station
	Marine Policy	primary	Abeles, Adina	Center for Ocean Solutions
X	Marine Policy	alternate	David, Aimee	Center for the Future of the Oceans, MBA
	Nearshore Ecology	primary	Lindholm, James†	California State University Monterey Bay
	Nearshore Ecology	alternate	Carr, Mark	University of California, Santa Cruz
	Physical Oceanography	primary	McPhee-Shaw, Erika	Moss Landing Marine Laboratories
	Physical Oceanography	alternate	Ramp, Steve	Soliton Ocean Services, Inc.
	Shelf & Slope Ecology	primary		
	Shelf & Slope Ecology	alternate	Starr, Rick	California Sea Grant Extension Program
X	Social Sciences	primary	Pomeroy, Caroline	California Sea Grant Extension Program
X	Social Sciences	alternate	Scorse, Jason	Monterey Institute of International Studies
	Water Quality	primary		
	Water Quality	alternate	Epel, David	Hopkins Marine Station

*Sanctuary Advisory Council Member: Research (Primary)

†Sanctuary Advisory Council Member: Research (Alternate)

RAP Coordinator:

X	Burton, Erica	Monterey Bay National Marine Sanctuary
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GUESTS:

Adams, Josh	U.S. Geological Survey
Brown, Jennifer	Monterey Bay National Marine Sanctuary
De Beukelaer, Sophie	Monterey Bay National Marine Sanctuary
Felis, Jonathan	U.S. Geological Survey
Freeman, Larry	U.S. Geological Survey
Hunt, John	Monterey Bay National Marine Sanctuary
Levin, Phil	NOAA Fisheries
Rosenbauer, Bob	U.S. Geological Survey
Samhuri, Jameal	NOAA Fisheries
Scheibblauer, Steve	Monterey Harbor, City of Monterey
Stevens, Melissa	California Sea Grant Extension
Van Sommeran, Sean	Pelagic Shark Research Foundation
Wooninck, Lisa	West Coast Region, National Marine Sanctuaries

CONSENT ITEMS

Introductions/Modifications to the Agenda (Harrold)

HOST PRESENTATION AND DISCUSSION

Research Update from U.S. Geological Survey (Storlazzi)

- Storlazzi introduced several USGS staff, who then provided updates
- Robert Rosenbauer (Center Director, Pacific Coastal Marine Science Center)
 - Provided brief overview of research activities in California, Pacific Northwest, Alaska, and Pacific Islands
- Larry Freeman (Field Office Chief, California Water Science Center, Santa Cruz)
 - Provided brief overview of water quality and sediment monitoring
 - 45 stream gages monitor water quality and collect sediment
 - 21 agencies provide 60-100% support of 44 gages
 - Station info and data available at: <http://waterdata.usgs.gov/nwis>
- Josh Adams
 - Provided brief overview of seabird studies (Biologist, Western Ecological Research Center) including:
 - Distribution, abundance, and habitat use
 - Pacific continental shelf environment assessment (PaCSEA)
 - Movements and migration of Sooty Shearwaters
 - Biology (diet, health, foraging behavior)
 - Habitat restoration
 - Channel Island National Park (CINMS)
 - Ano Nuevo Island (MBNMS)
 - West Cliff Drive, Santa Cruz (MBNMS)
 - www.werc.usgs.gov

SANCTUARY ADVISORY COUNCIL UPDATE

SAC Update: February 2012 Meeting in Carmel (Harrold)

- Harrold provided highlights on SAC meeting

- Public comment: big wave surfers want regulations relaxed on motorized personal watercraft (MPWC);
 - MPWCs are allowed in 4 zones within the sanctuary year round, and seasonally during specific wave conditions at Mavericks
 - The regulation (in effect since 2008) is not currently under review or re-consideration
 - <http://montereybay.noaa.gov/resourcepro/resmanissues/mpwc.html>
- Susan Ashcraft (CDFG) provided update on Marine Life Protection Act (MLPA), including monitoring, and education and outreach efforts
 - March 2011 workshop hosted by CDFG on MPAs and collaborative research (proceedings: <http://www.dfg.ca.gov/mlpa/mfig.asp>)
 - 5-year review of central coast MPAs will be released in fall 2012; public symposium will be held in early 2013 to present results; formal review process by Fish and Game Commission in late 2013
 - <http://www.dfg.ca.gov/MLPA/>
- Oren Frey gave presentation on “Local Catch Monterey” a community supported fishery in Santa Cruz and Monterey
 - <http://www.localcatchmontereybay.com/>
- MBNMS staff provided update on EBM Initiative
 - Essential Fish Habitat (EFH) review in progress by Pacific Fisheries Management Council (PFMC)
 - MBNMS is engaged in process and seeking input from working group
 - PFMC met last week; EFH review schedule has been extended 6 months; therefore MBNMS open house rescheduled for April 10th
- SAC Members Shester and Webb led discussion on ONMS Site Evaluation List
 - List deactivated in 1990s
 - There is interest in reactivating list
 - Shester and Webb drafted letter for SAC signature to NOAA (Jane Lubchenco, Under Secretary of Commerce for Oceans and Atmosphere and Administrator of NOAA)
 - SAC not in consensus, and tabled the topic for future meeting
- SAC agenda: <http://montereybay.noaa.gov/sac/2012/120216/agenda.html>

ECOSYSTEM-BASED MANAGEMENT INITIATIVE

Risk Assessment for the California Current Integrated Ecosystem Assessment (Phil Levin and Jameal Samhoury/NWFSC, NOAA)

- Levin provided overview of Integrated Ecosystem Assessment (IEA)
 - Scoping: If money available in 2012, scoping in Monterey will occur in 2012
 - Timeline: First version of IEA will be available at end of 2013 (if President’s budget approved)
 - <http://www.st.nmfs.noaa.gov/iea/california.html>
- Samhoury provided overview of Risk Assessment, currently in progress
 - Presented, and requested feedback on, risk framework, focal pressures, habitats, species, and data sources

- **ACTION**: Jameal asked RAP to participate in Google Doc Risk Assessment Survey
 - NOAA Fisheries (or MBNMS) staff will send out invite (March/April)
 - RAP should recommend other participants
 - Workshop to discuss results will be held in September/October

SUGGESTED FUTURE AGENDA ITEMS

FYI regarding Climate Change agenda item: Storlazzi and partners (Adina Abeles and Larry Crowder, Center for Ocean Solutions) will be holding small workshop in May (climate change on west coast; n=10); follow-up meeting will be held to present results

Future Agenda Items (running list):

- Marine Policy issues (Sacramento; D.C.) that may need science input
- Climate Change
 - Storlazzi and Abeles are willing to organize a 1-2 day meeting on State of Climate Change Science; adaptation plans
 - RAP to provide input on meeting topics, speakers, format
- Desalination update: including Cambria
- RAP Membership update
